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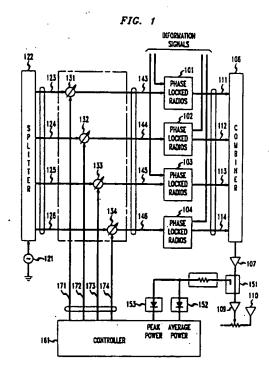
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- (A) Method and apparatus for reducing the peak-to-average power in multi-carrier RF communication systems.
- Apparatus for controlling a system including a linear amplifier (109) processing a plurality of carrier signals (111-114) of a multi-channel carrier system alters the phases (by 131-134) of one or more sources of the multi-channel signals in response to a detected peak envelope power (in 153) or of a peak to average power (in 152) ratio at regular scheduled intervals. This reduces the peak envelope power to average envelope power ratio and enables the reduction in the power rating required by the amplifiers handling the multi-channel signal.



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EUROPEAN SEARCH REPORT

Application Number EP 93 30 8178

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ategory	Citation of document with in of relevant pas	dication, where appropriate, sages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IM.CL.5)	
\	US-A-5 045 799 (C. 1 * column 1, line 37 figures *	- HOLECECK) - column 2, line 7;	1	H03G3/20 H03F1/32	
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				TECHNICAL FIELDS SEARCHED (Inc.)	
		•		H03G H03F H04B	
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	Place of search	Date of campleties of the search		Remoteur	
THE HAGUE		26 April 1994	B1a	Slaas, D-L	
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